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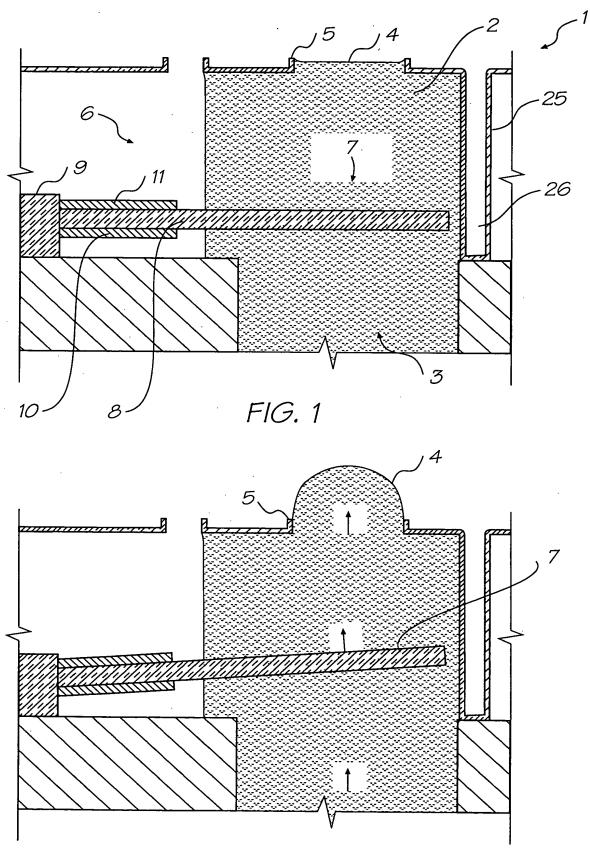
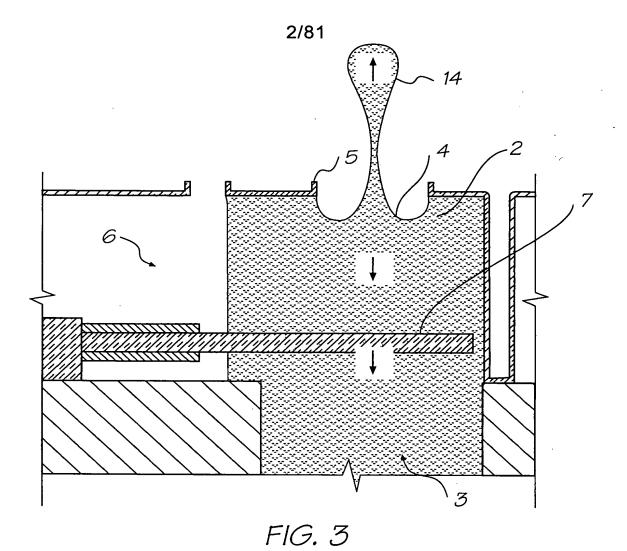
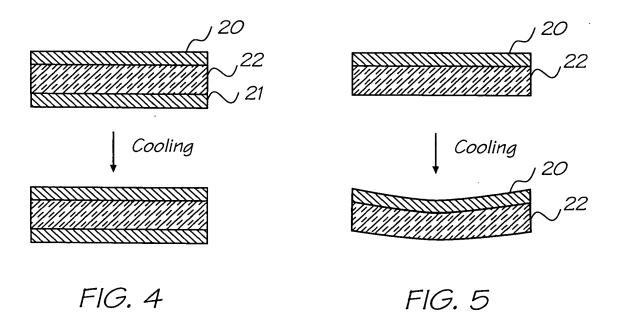


FIG. 2





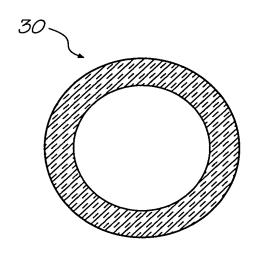


FIG. 6

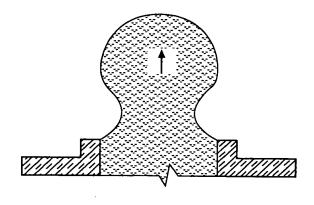


FIG. 7

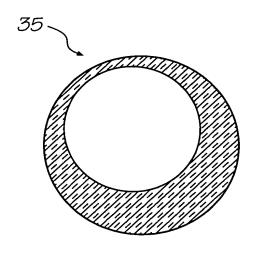


FIG. 8

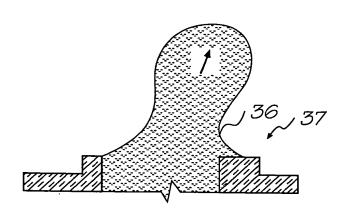
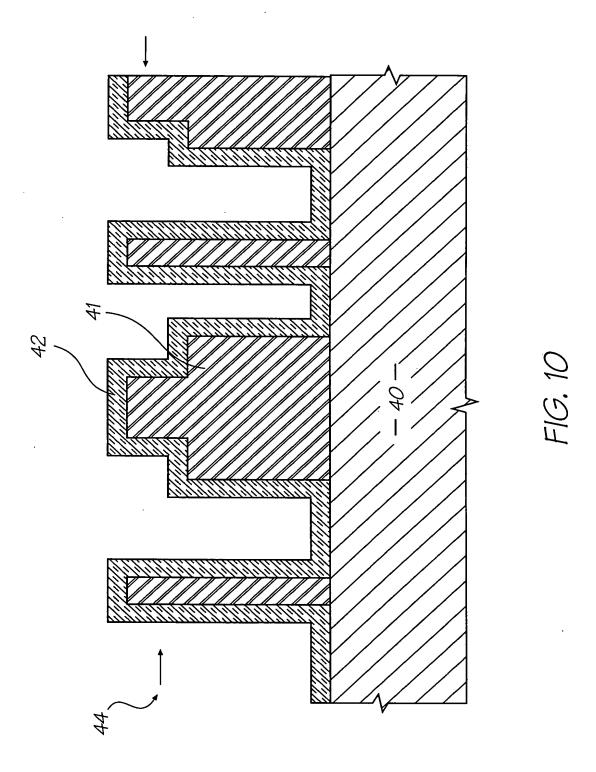
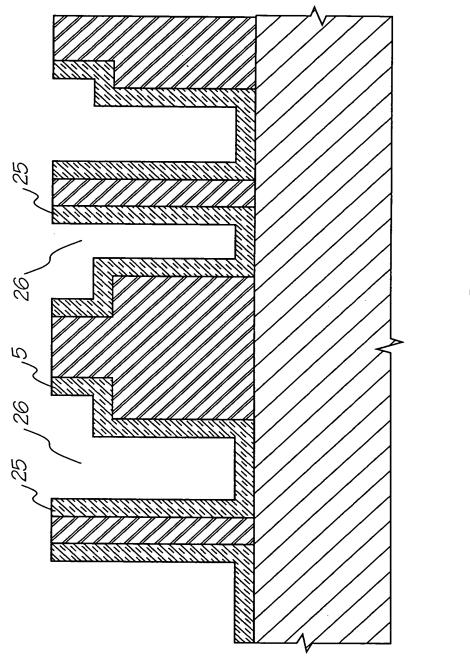


FIG. 9





F1G. 11

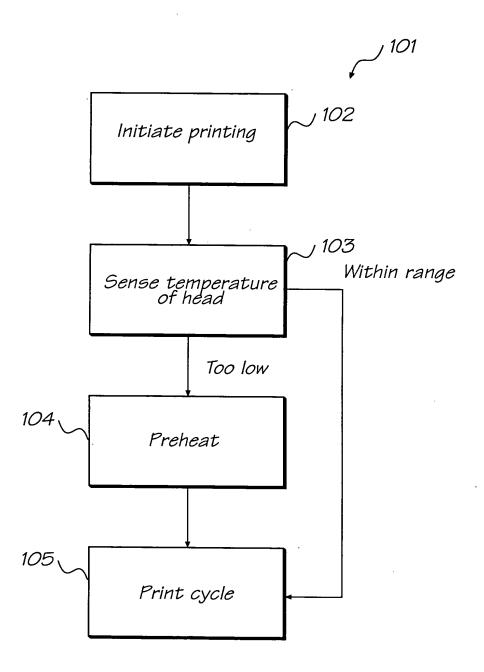
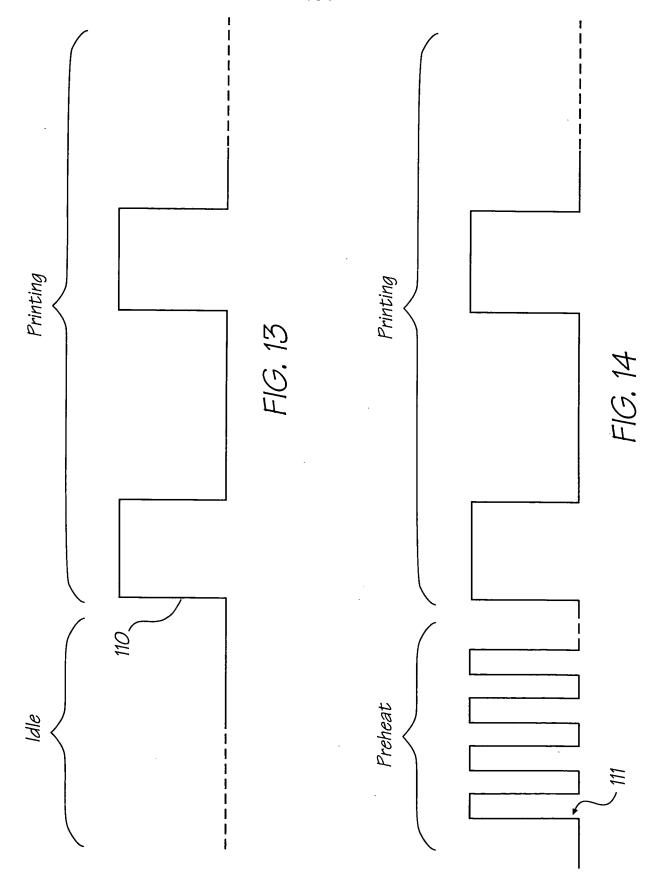
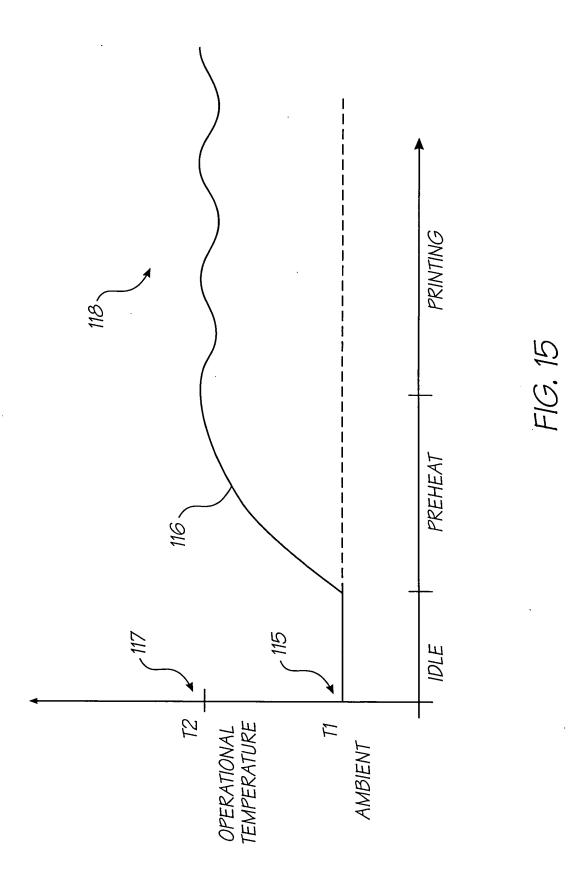
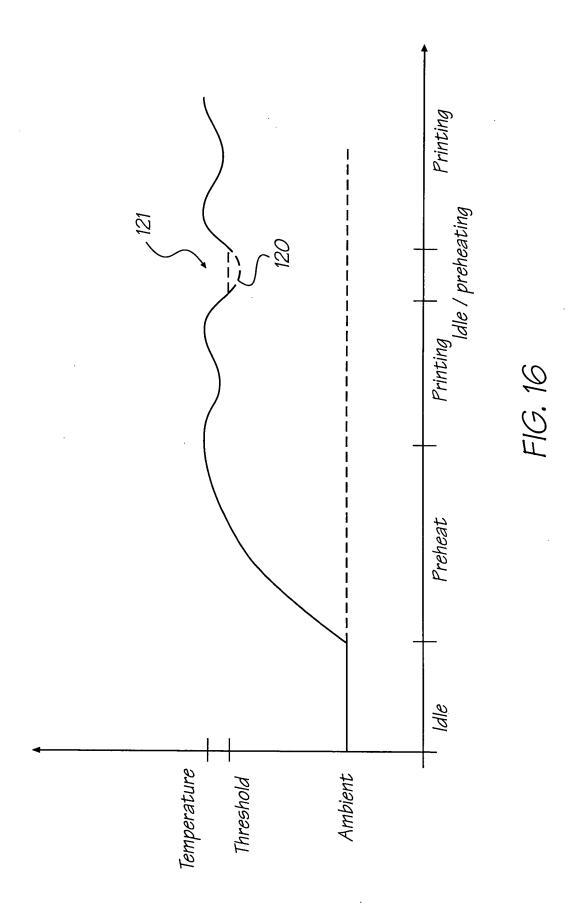


FIG. 12







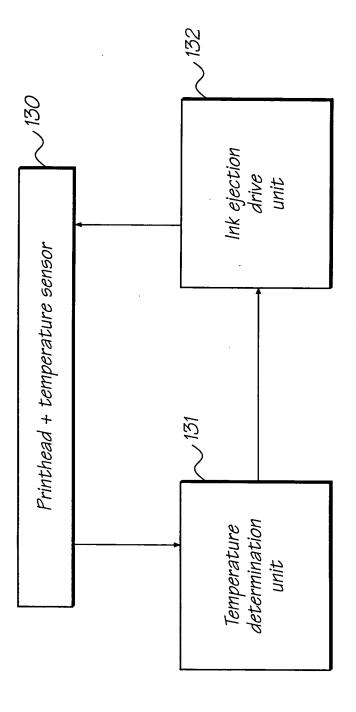
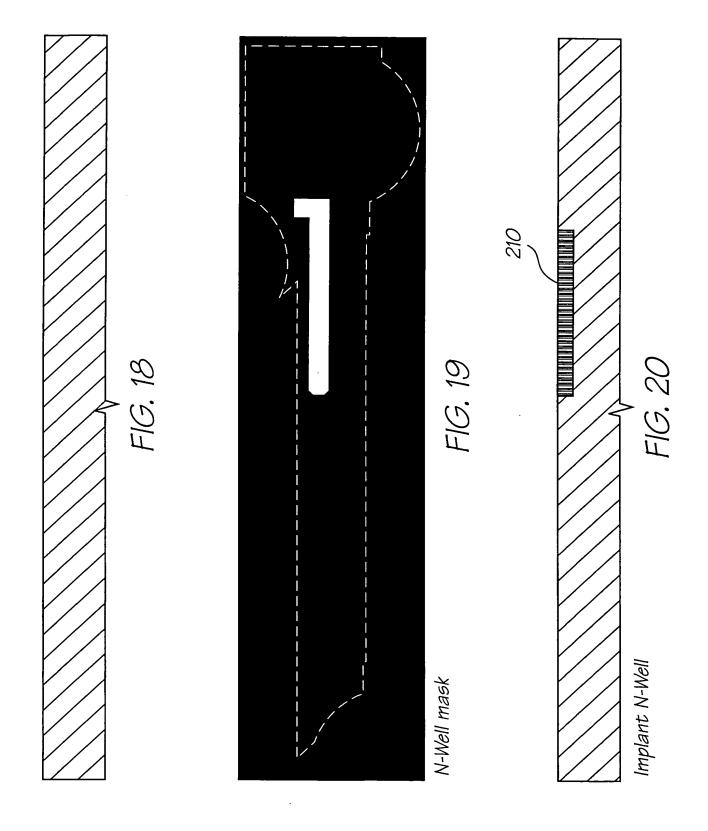


FIG. 17



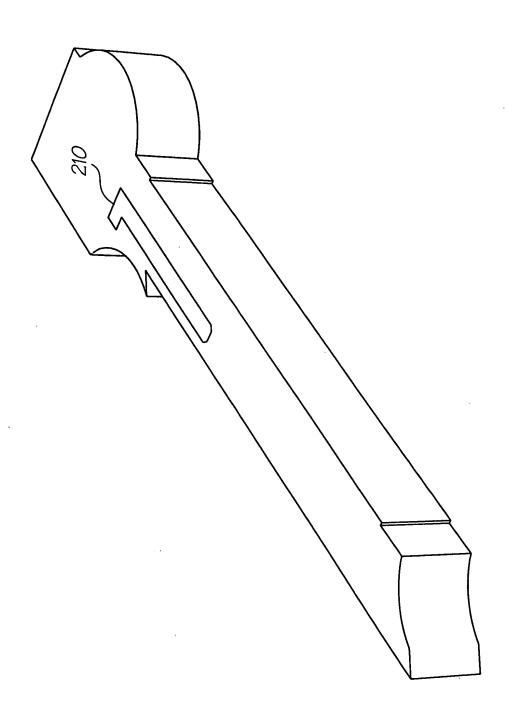
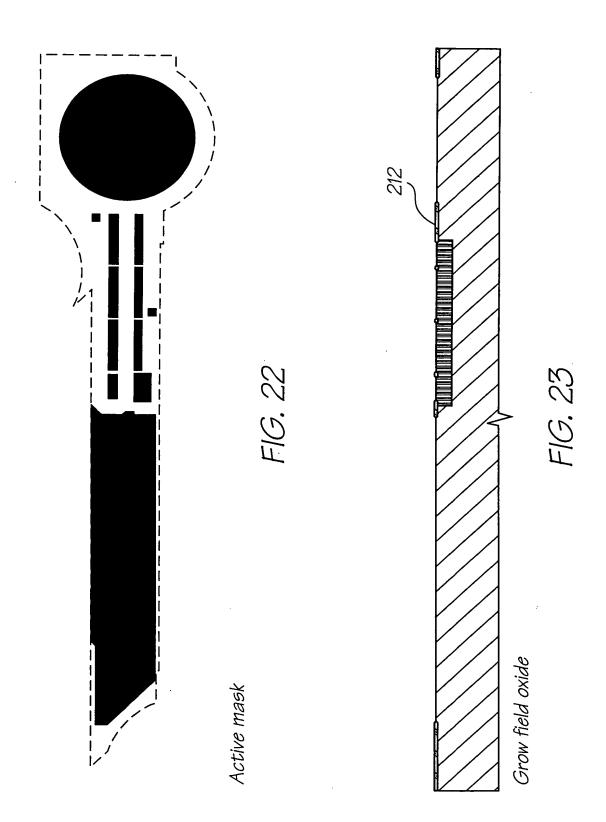
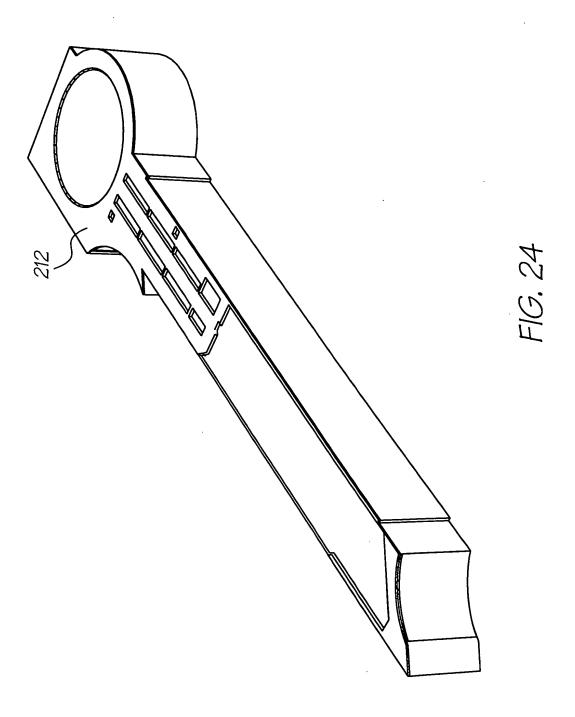
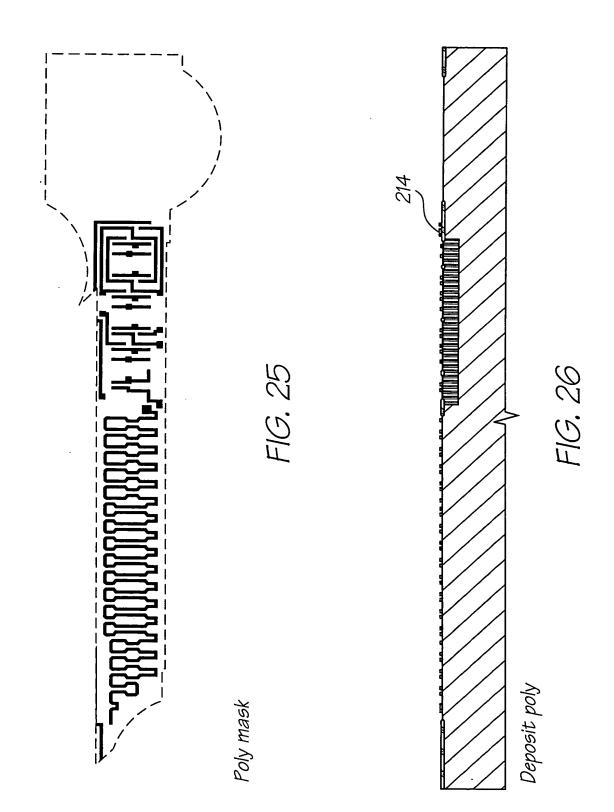
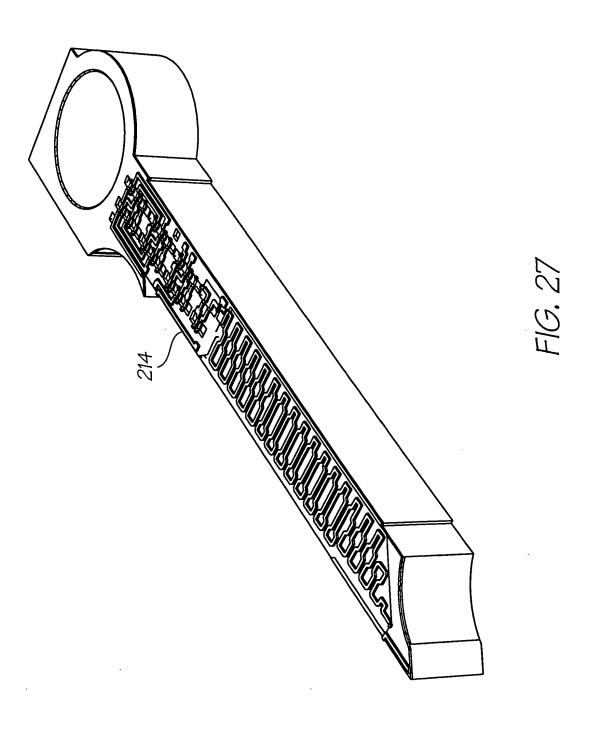


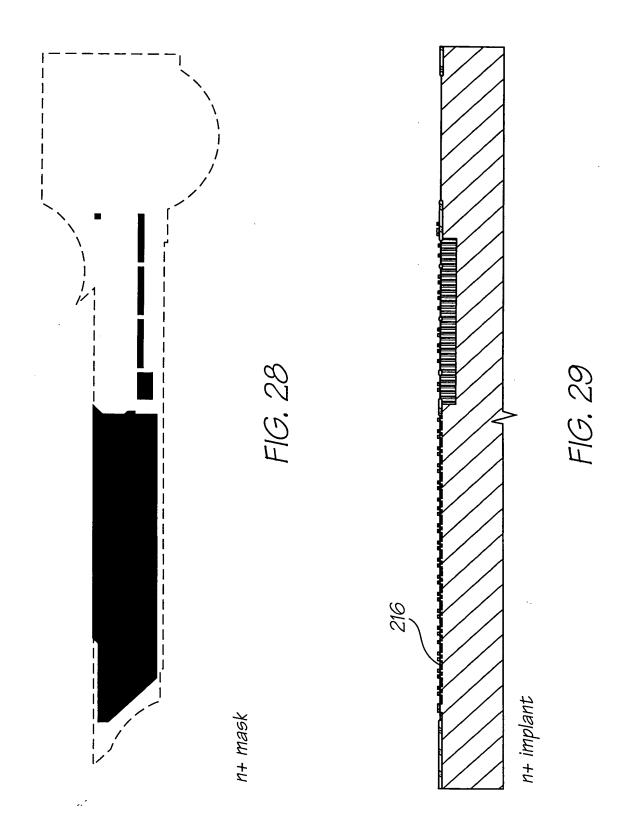
FIG. 21

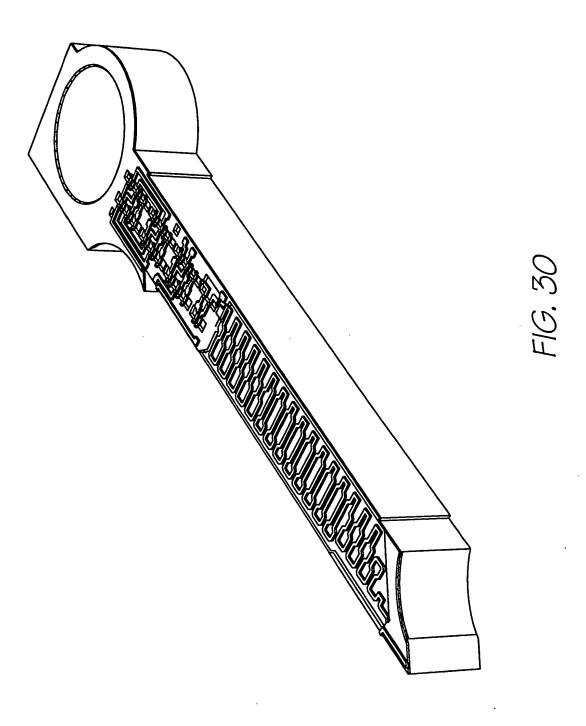


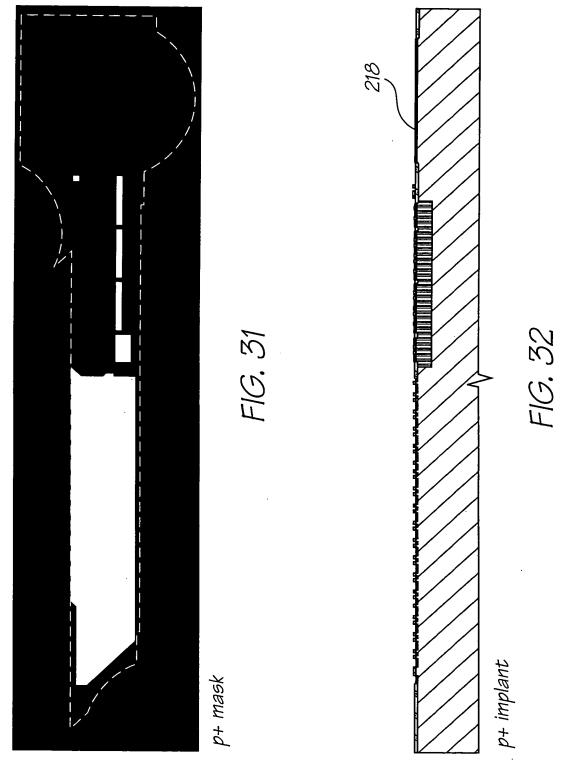












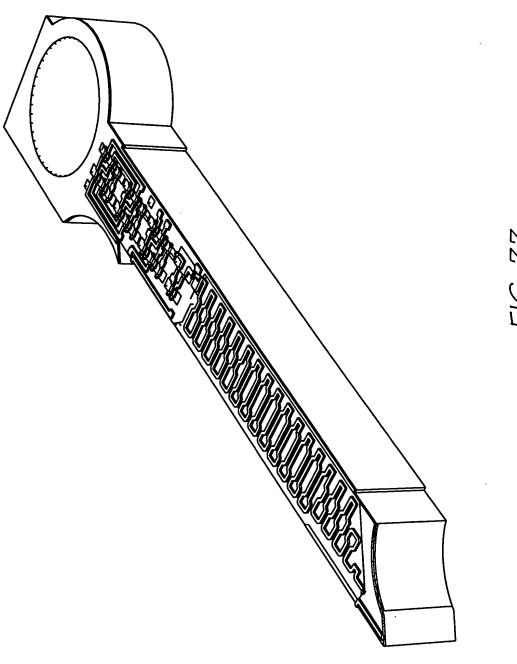
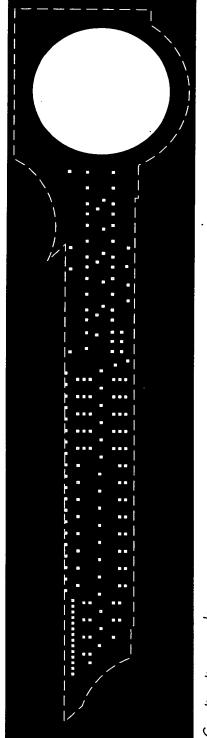


FIG. 00



Contacts mask

FIG. 34

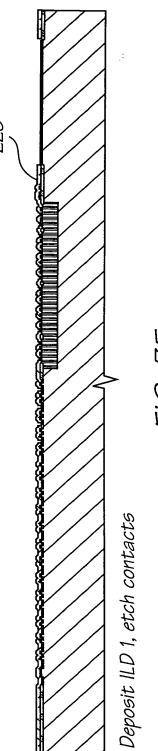
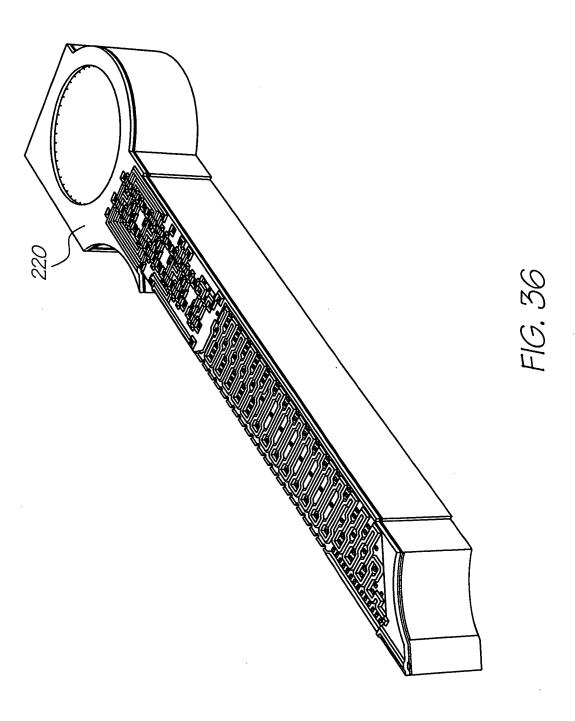
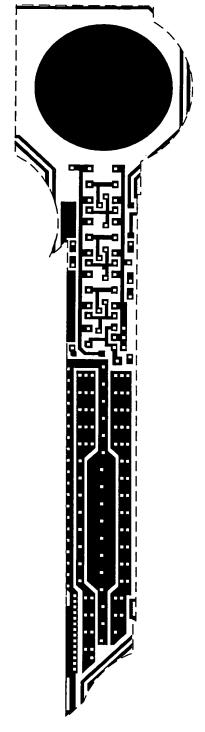


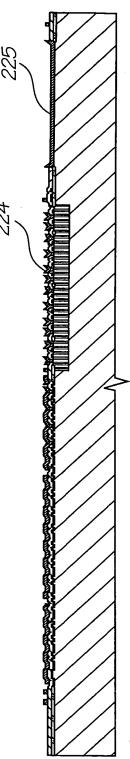
FIG. 35





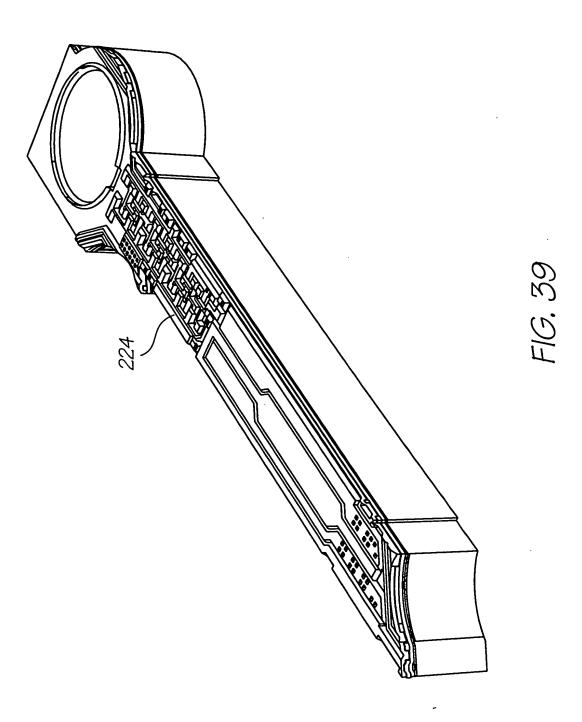
Metal 1 mask

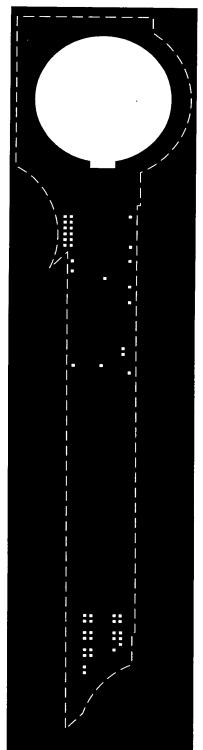
FIG. 37



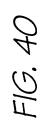
Deposit Metal 1

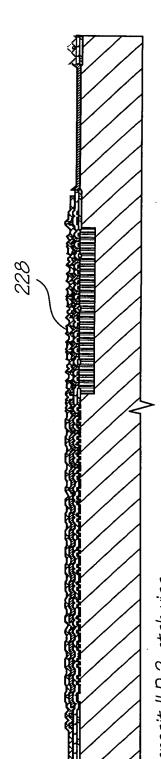
FIG. 38





Via 1 mask





Deposit ILD 2, etch vias

FIG. 41

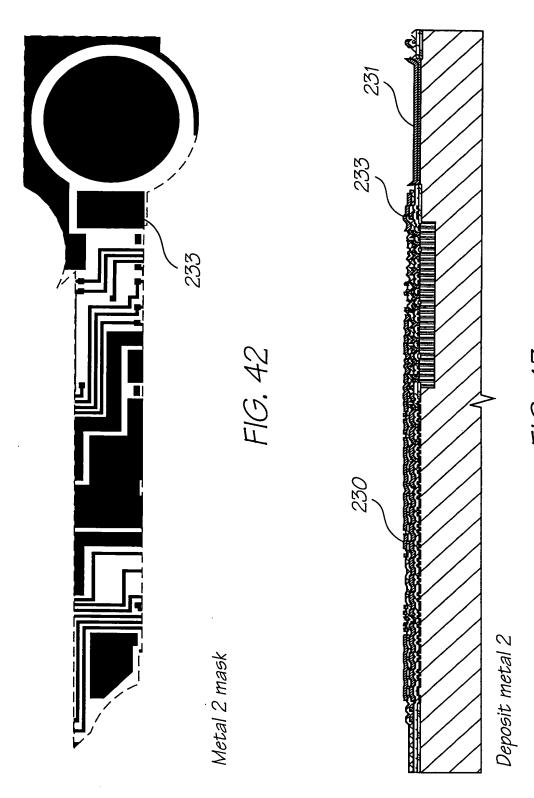
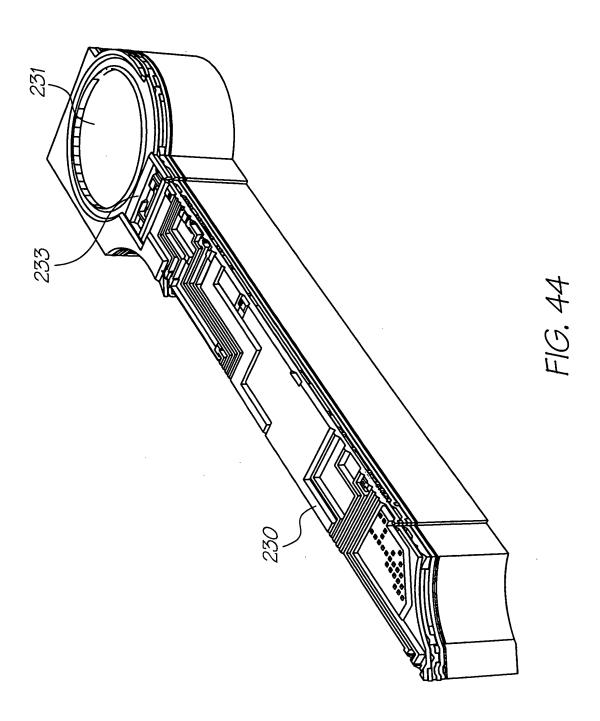
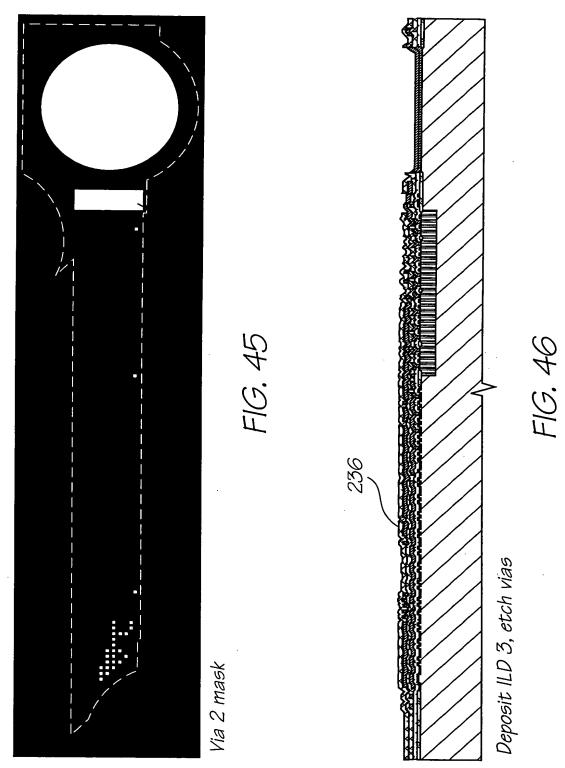
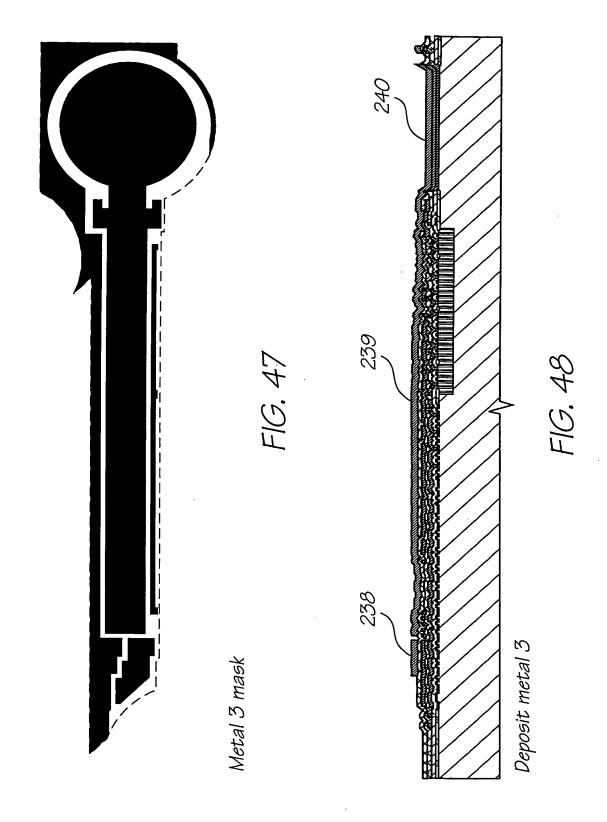
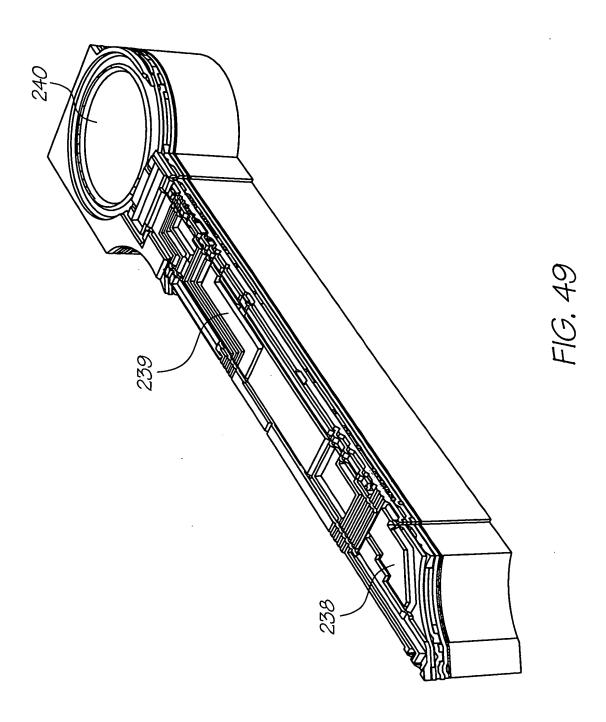


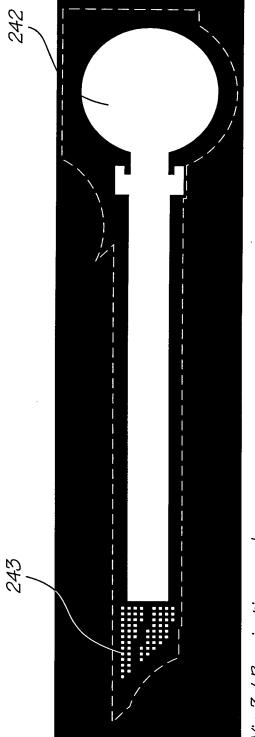
FIG. 43





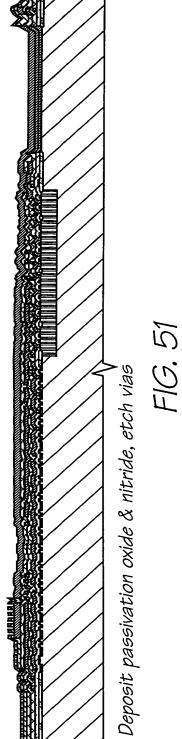


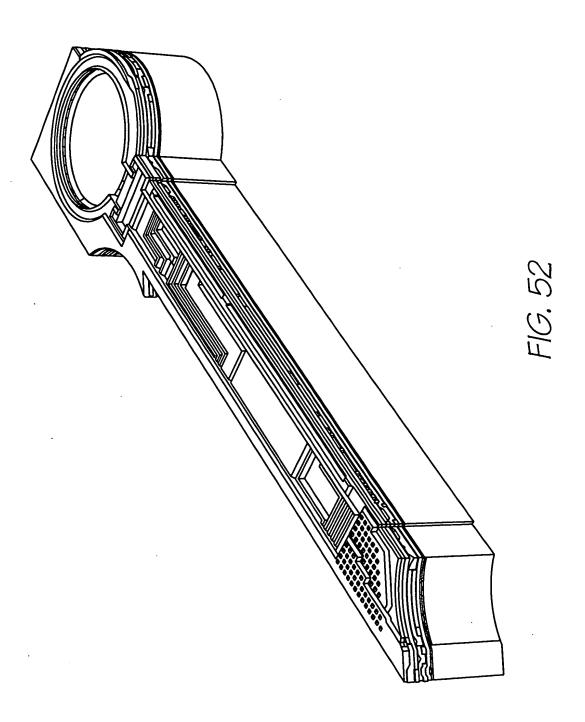


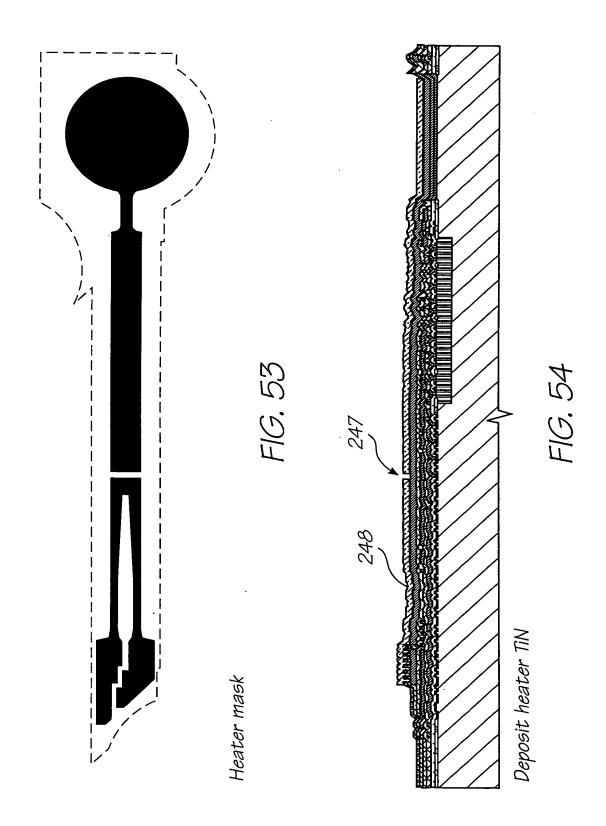


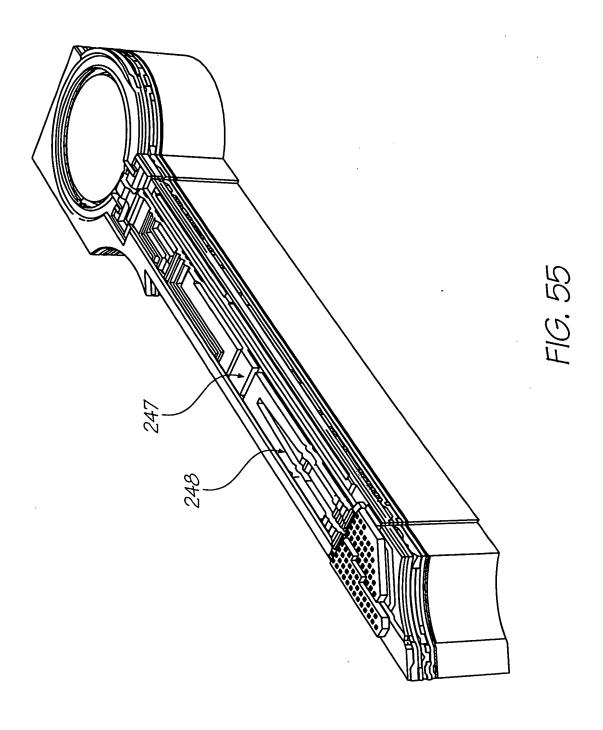
Via 3 / Passivation mask

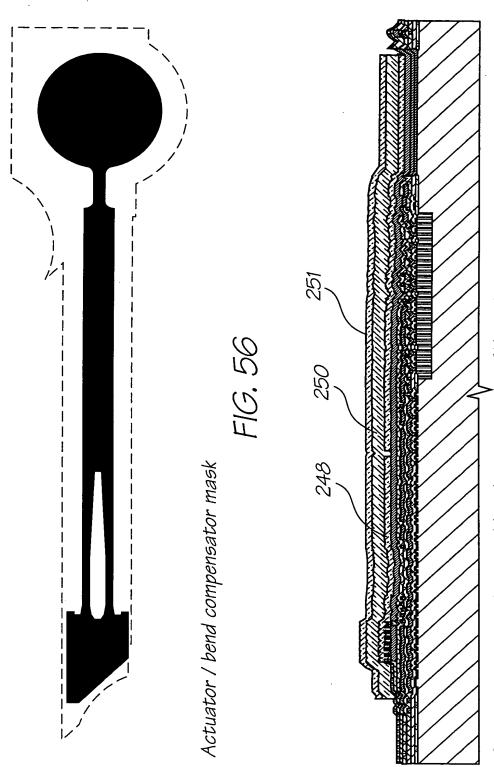
FIG. 50











Deposit actuator glass and bend compensator TiN, etch together

FIG. 57

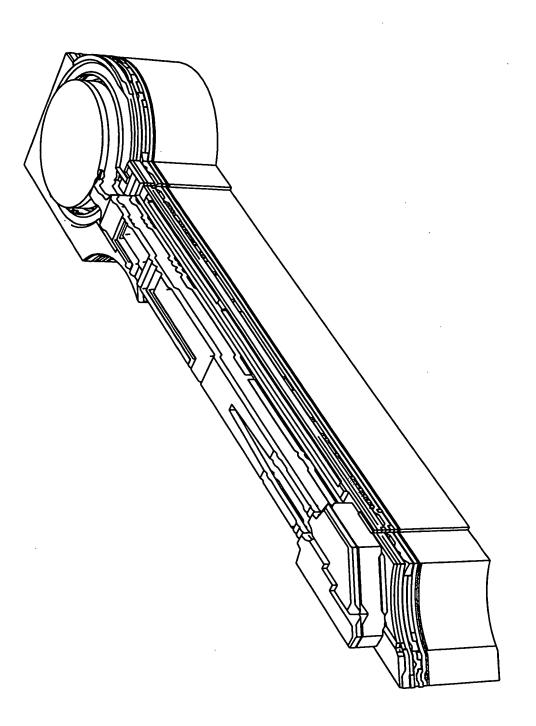
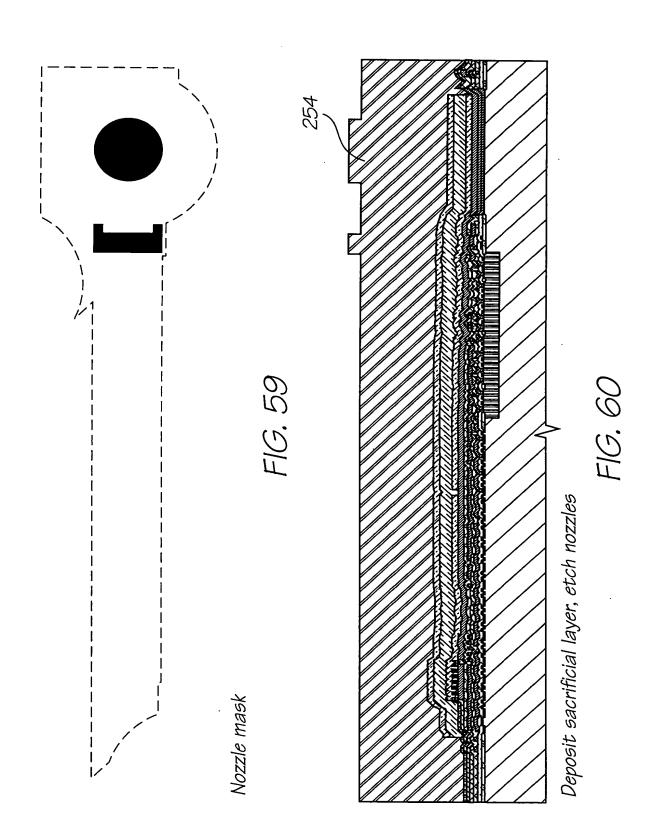
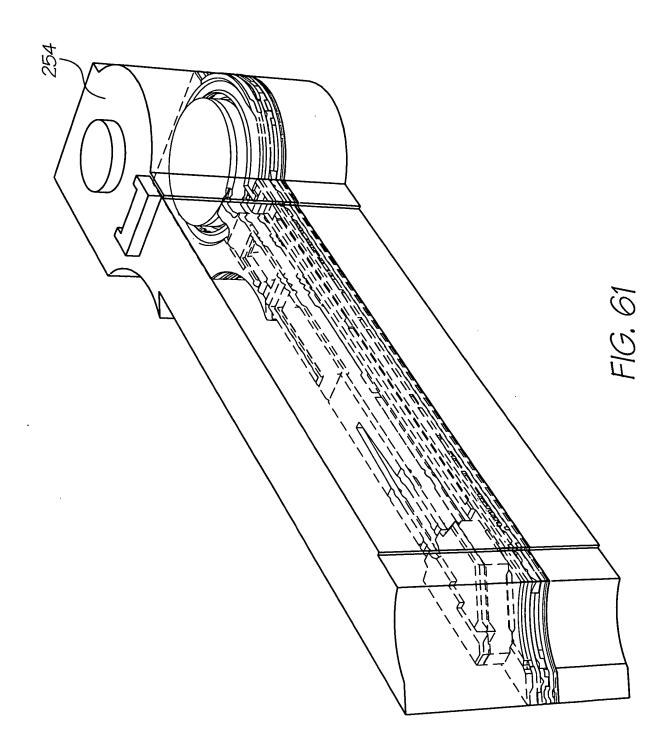
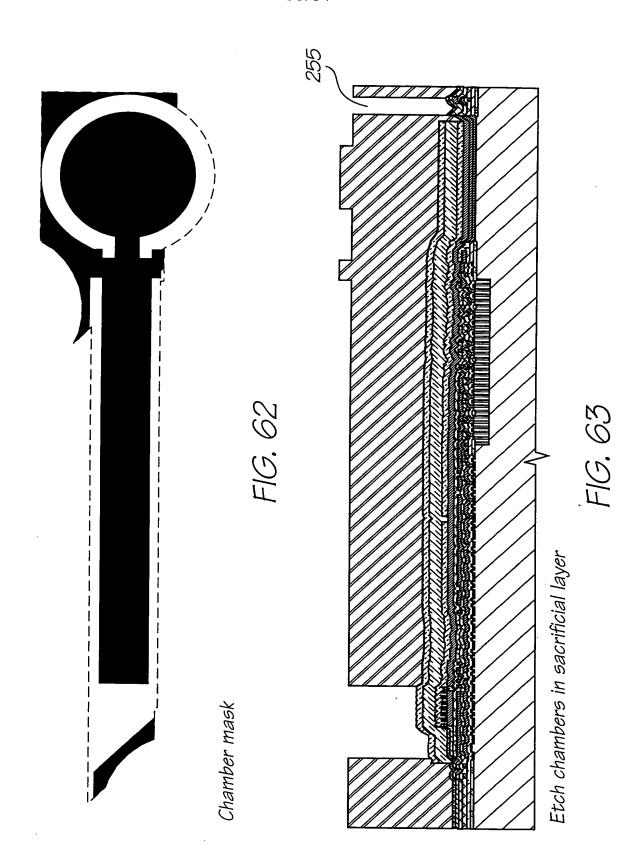
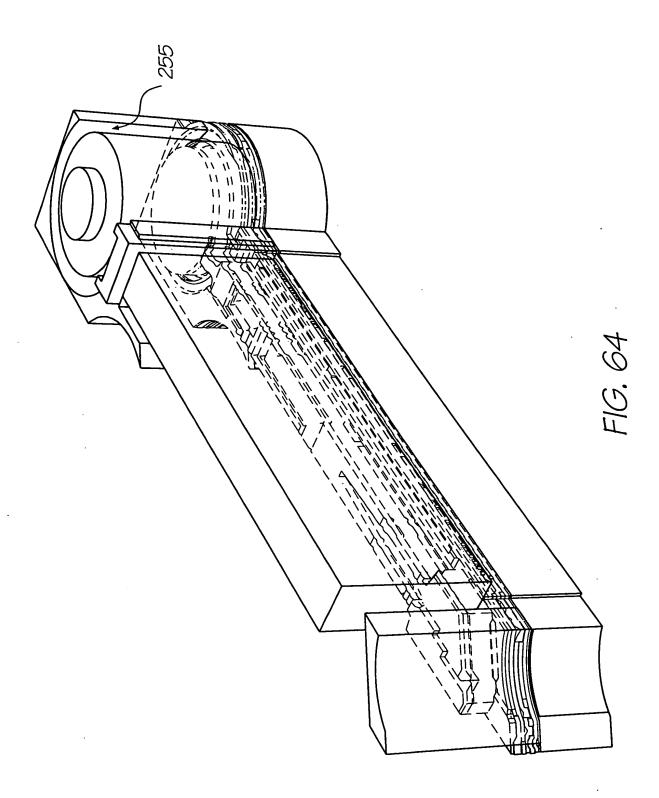


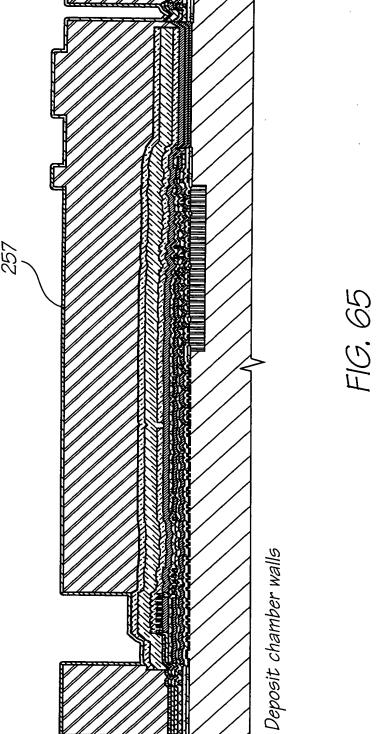
FIG. 58

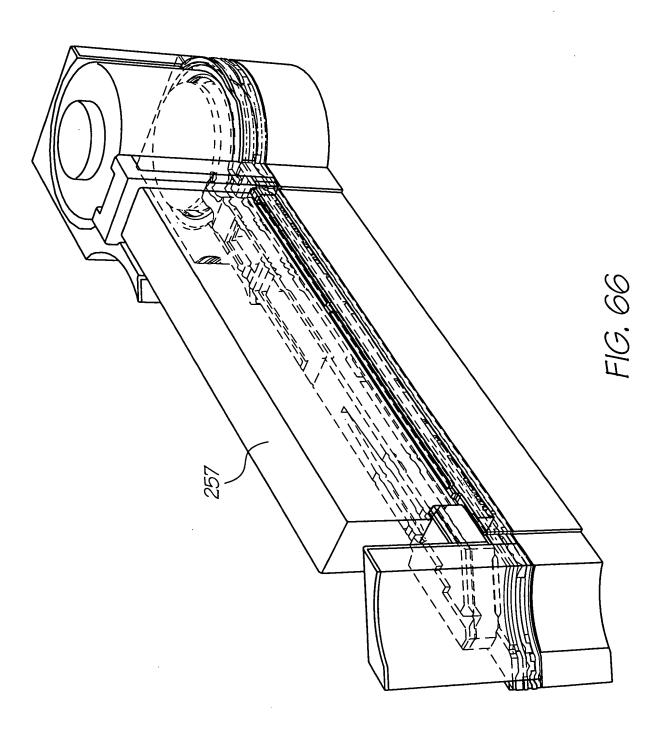


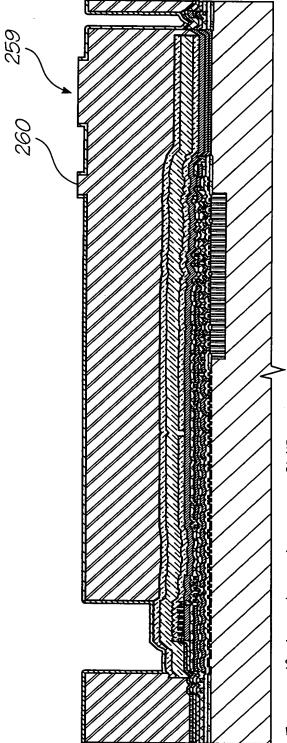






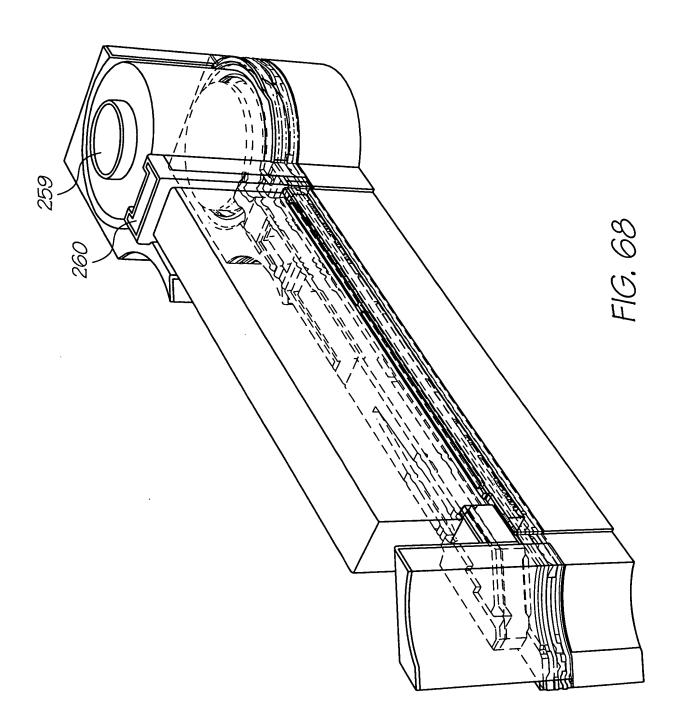


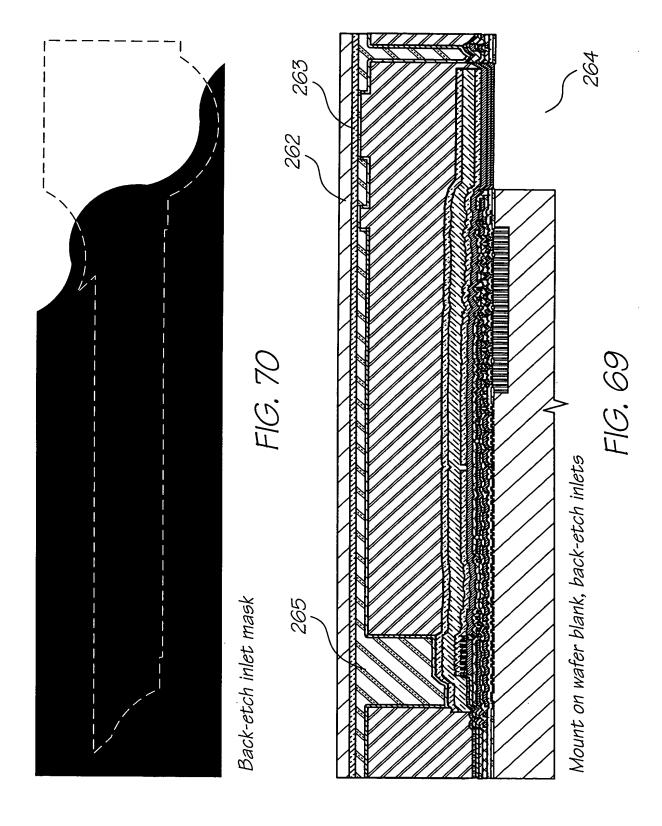


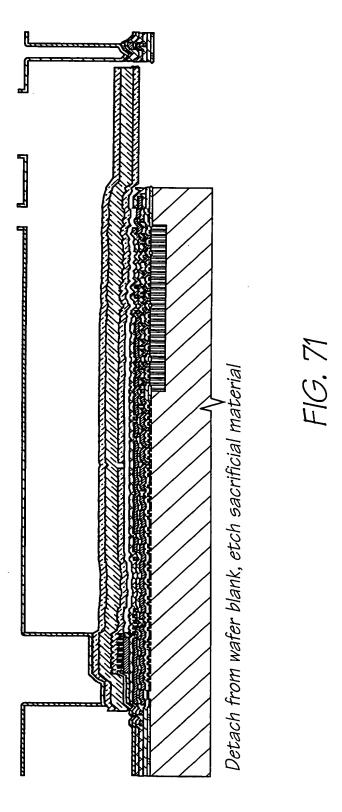


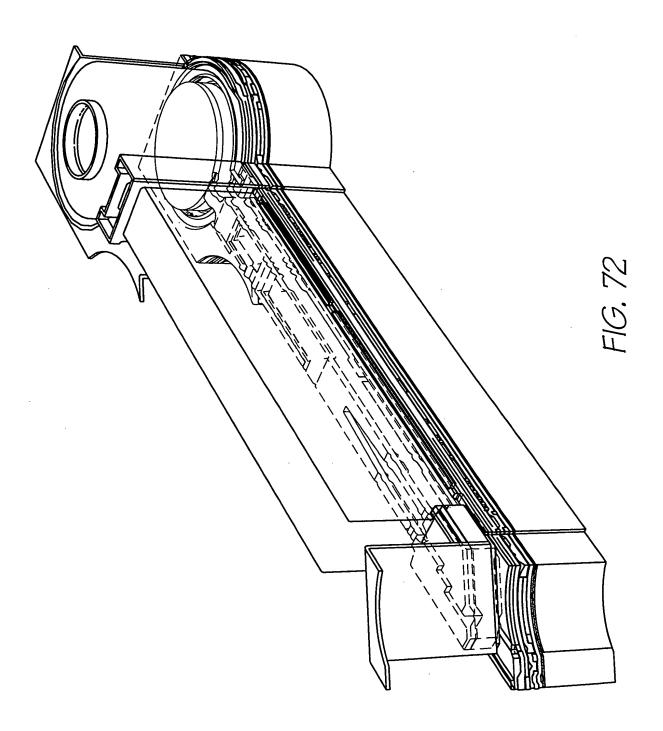
Form self-aligned nozzles using CMP

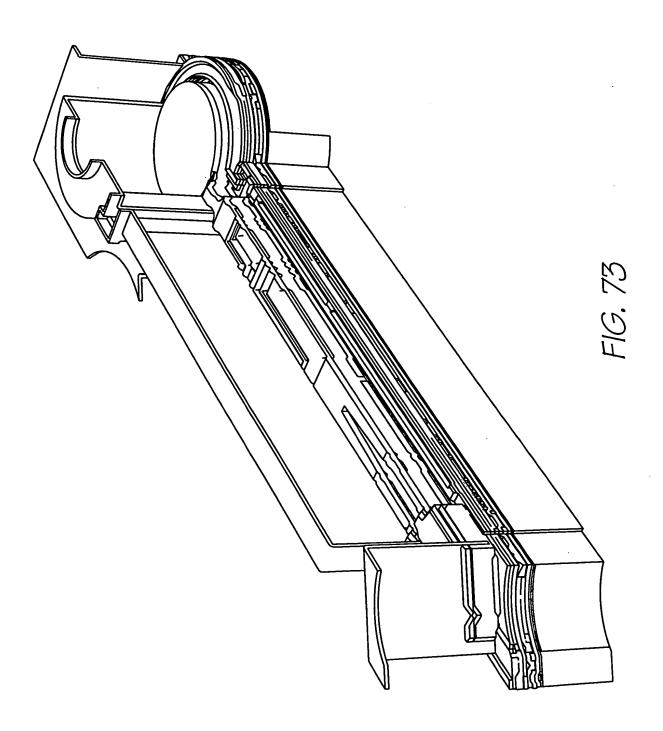
FIG. 67

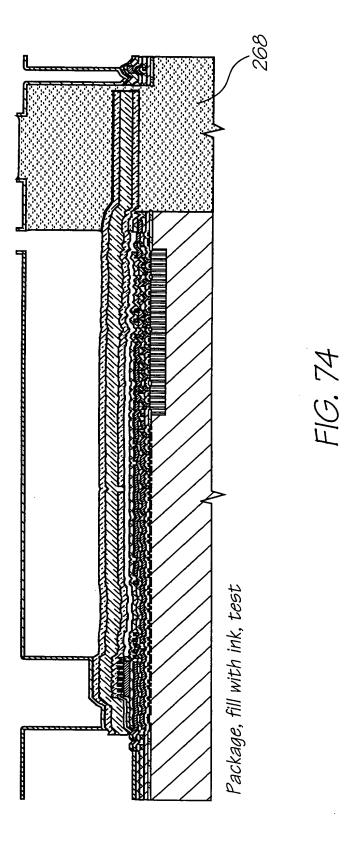


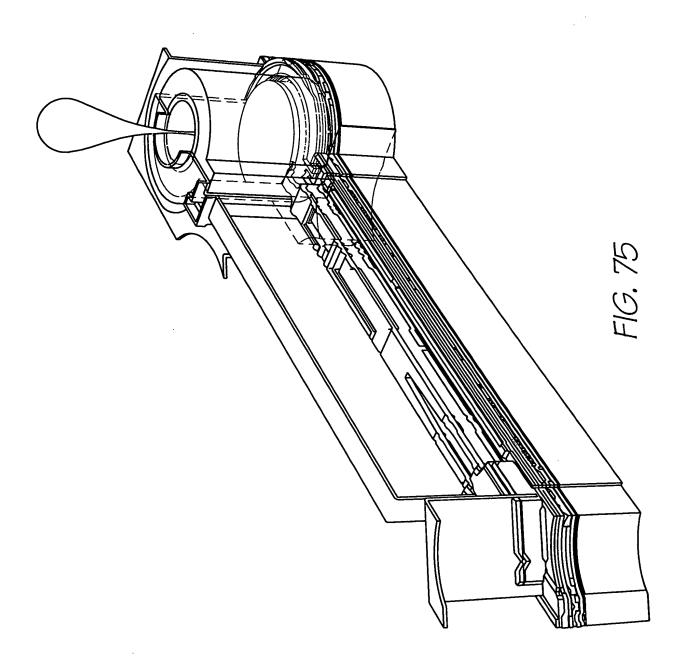


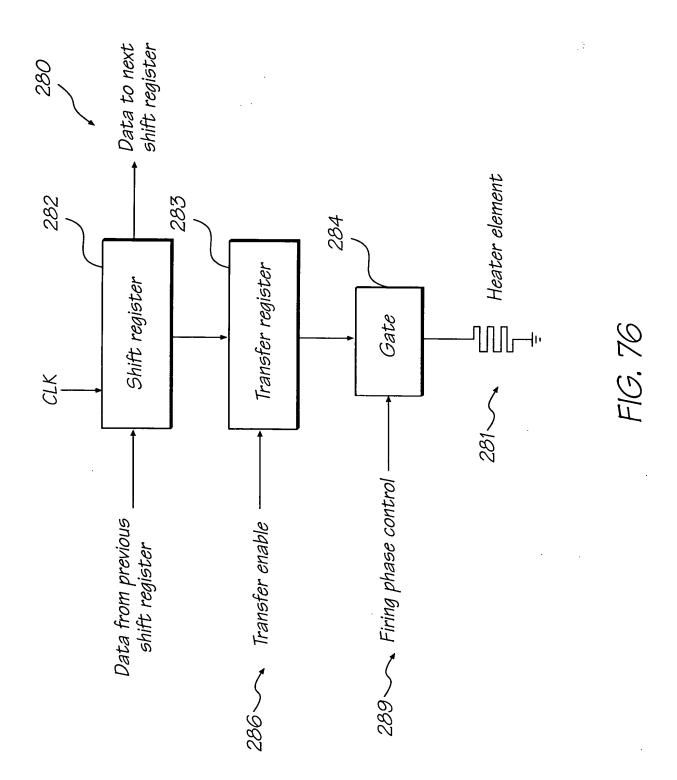












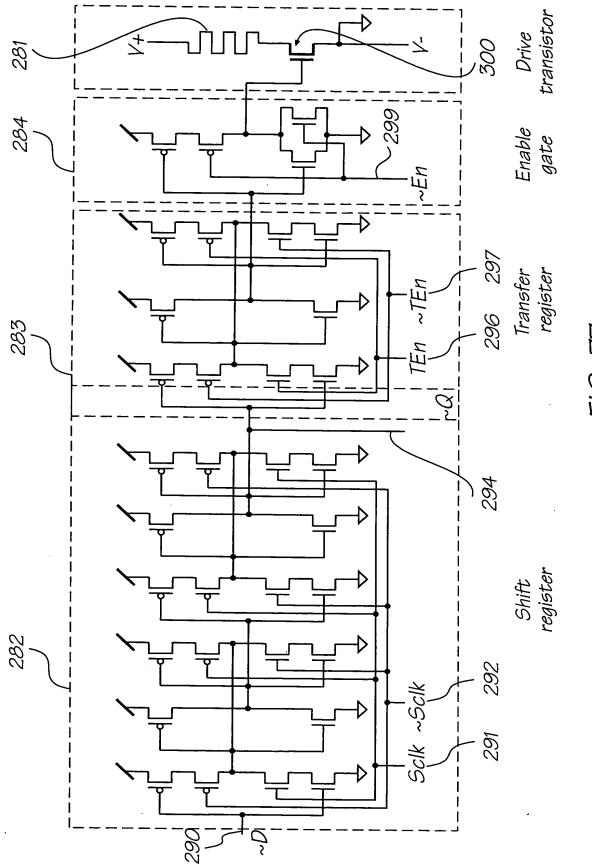


FIG. 77

FIG. 78

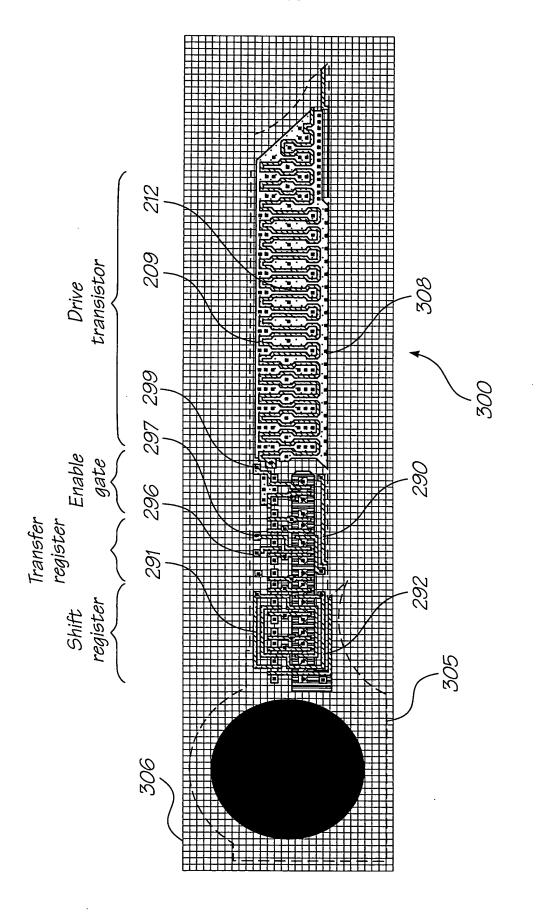


FIG. 79

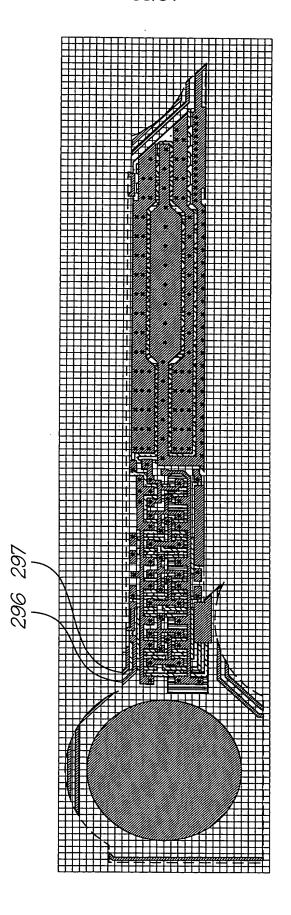


FIG. 80

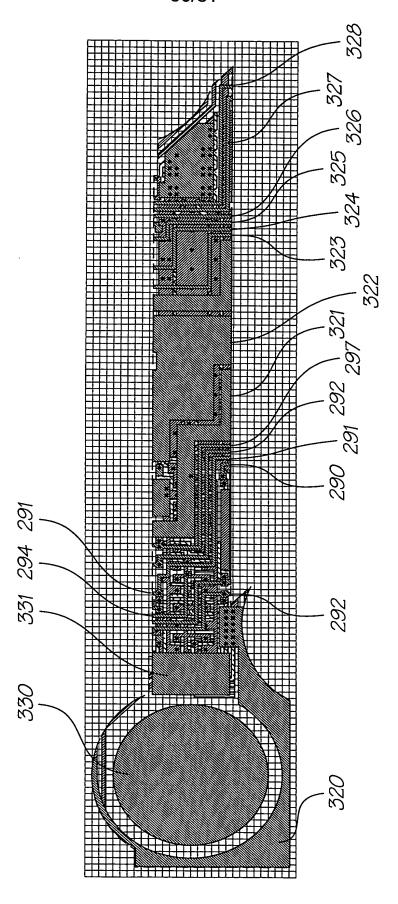


FIG. 81

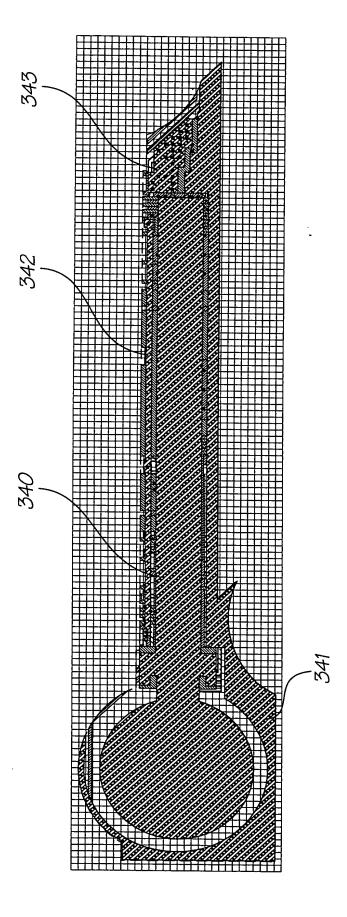


FIG. 82

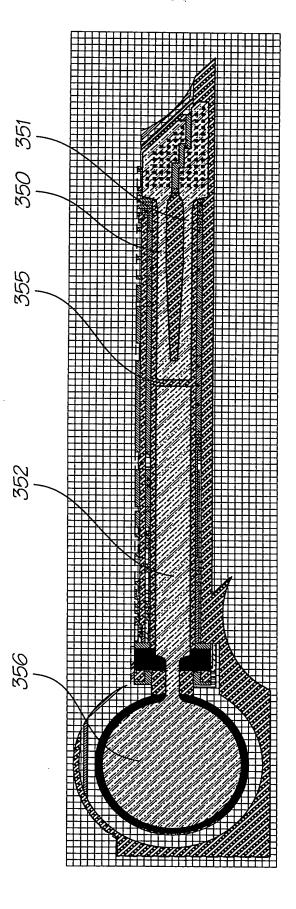


FIG. 83

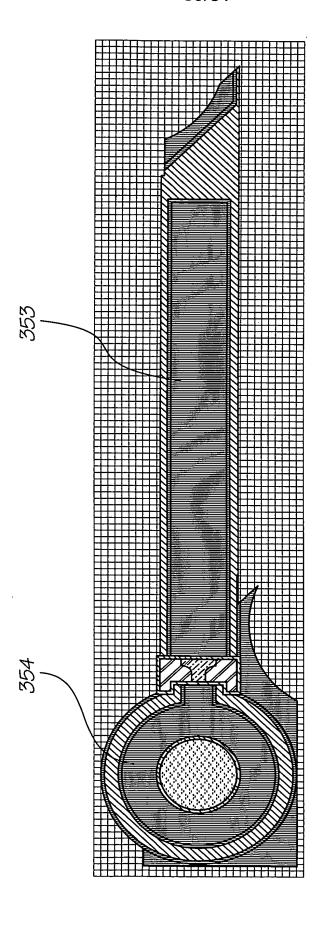
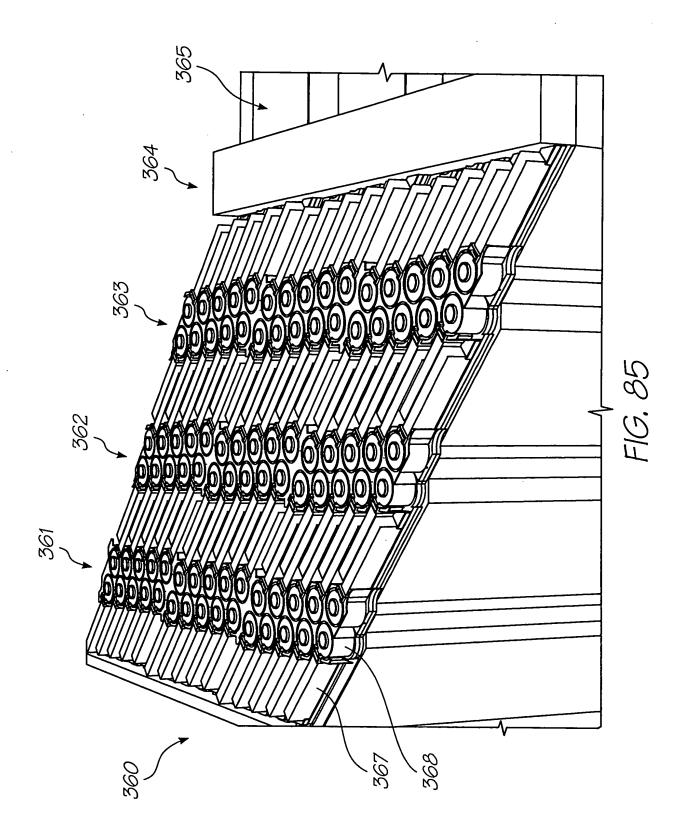


FIG. 84



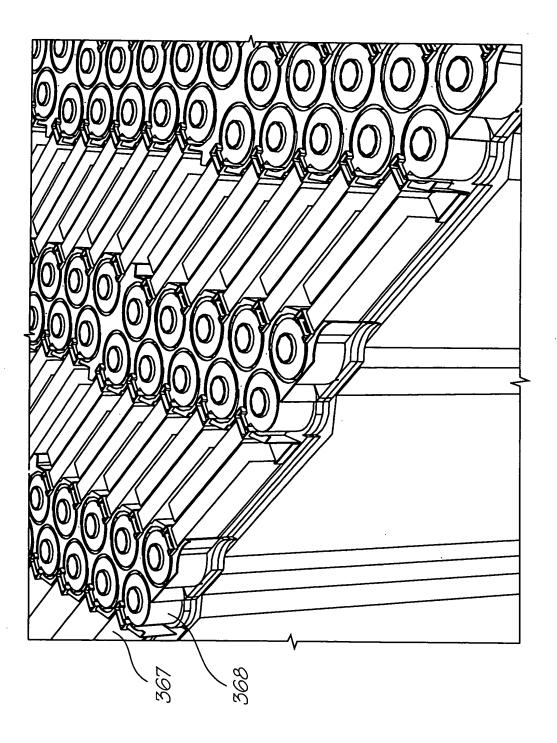


FIG. 86

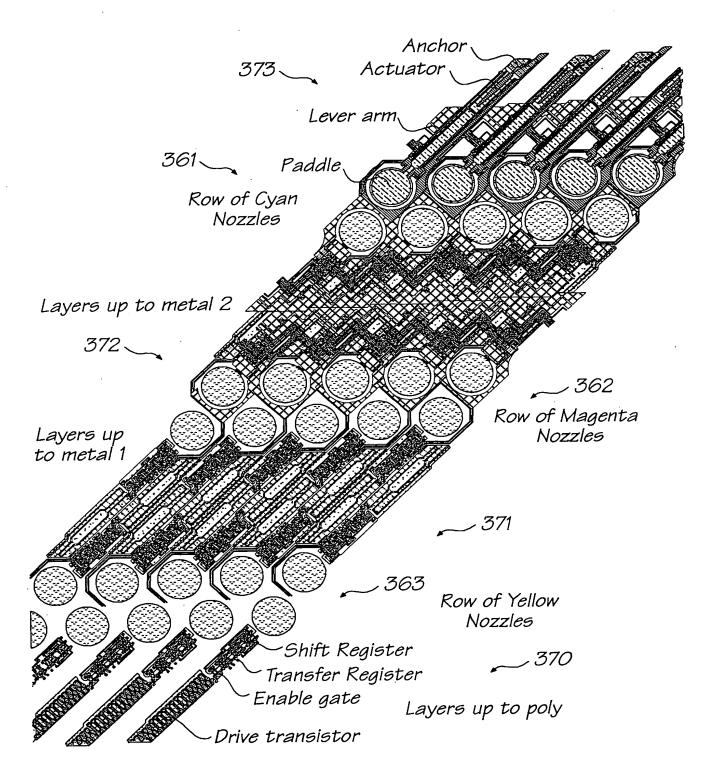
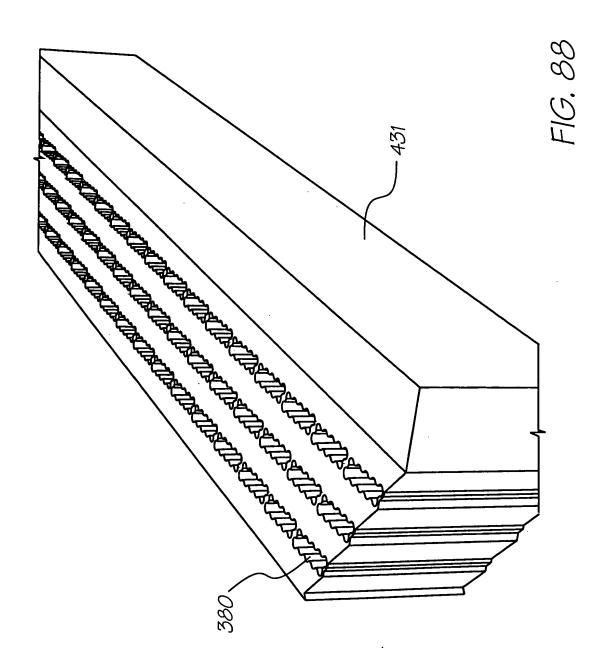
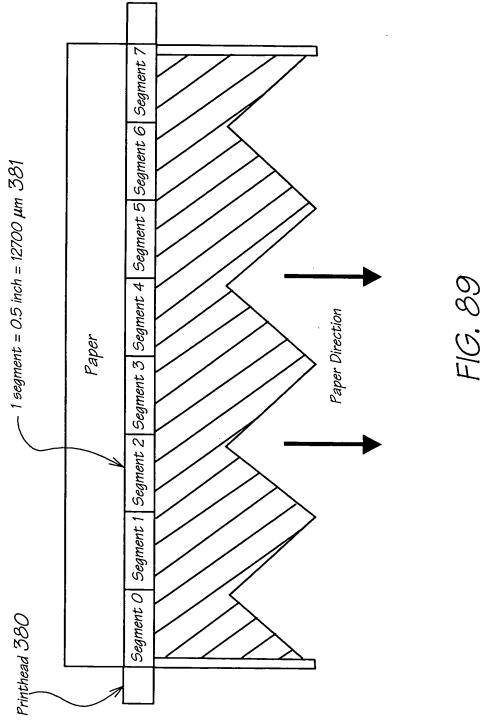
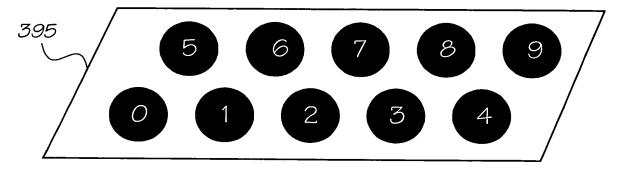


FIG. 87

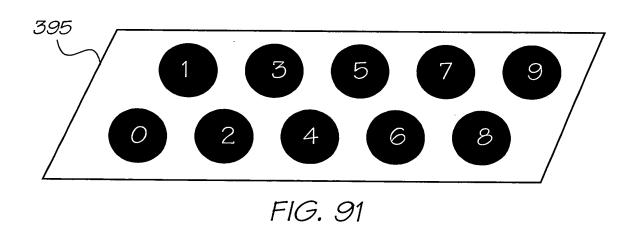






A single pod, numbered by firing order

FIG. 90



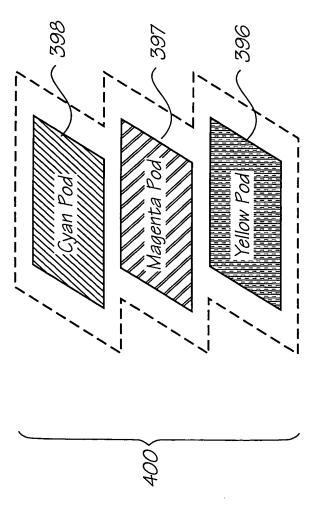


FIG. 92

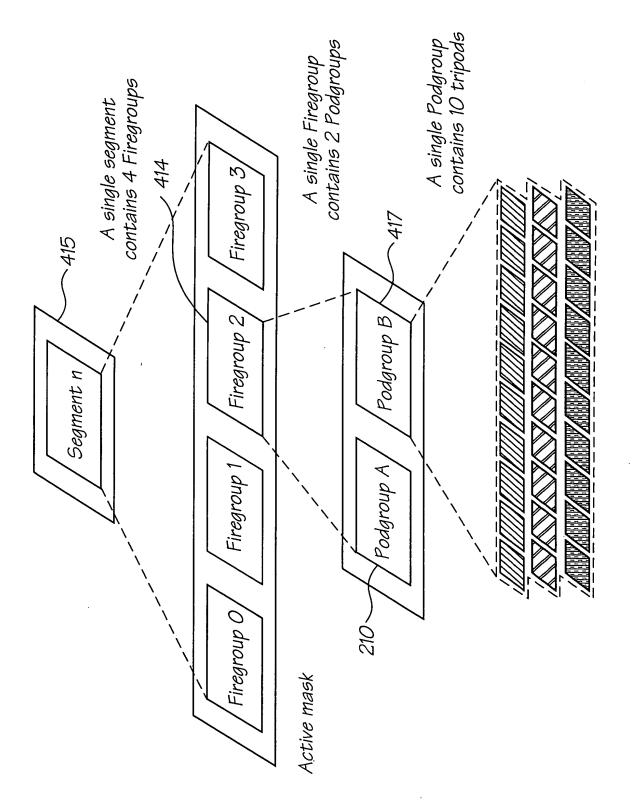
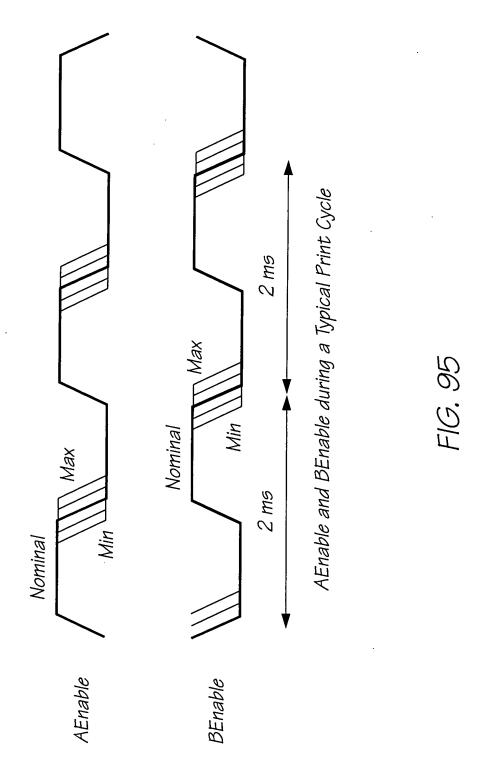
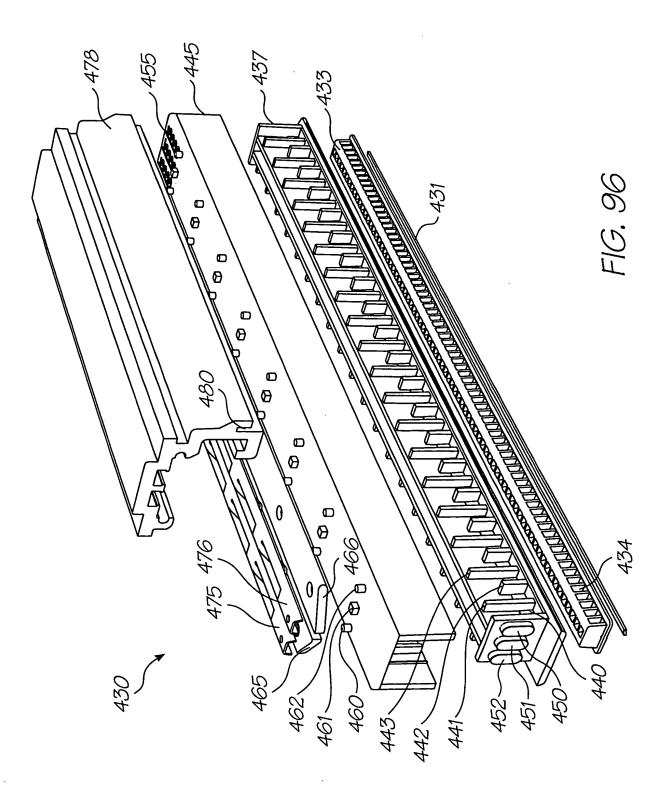
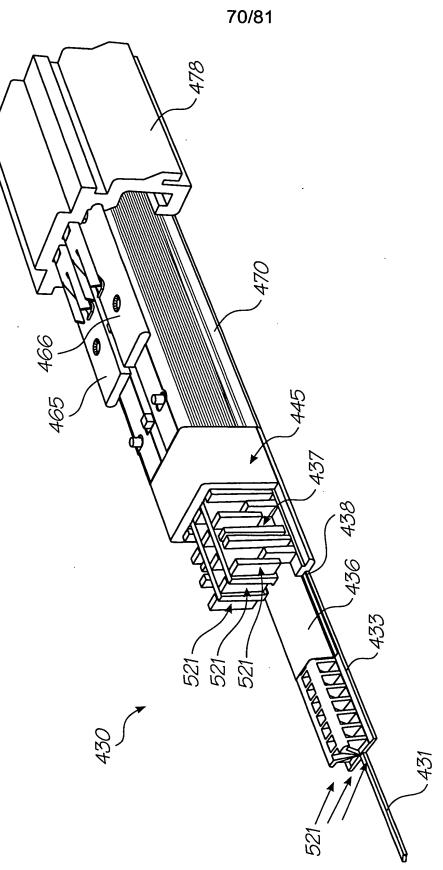
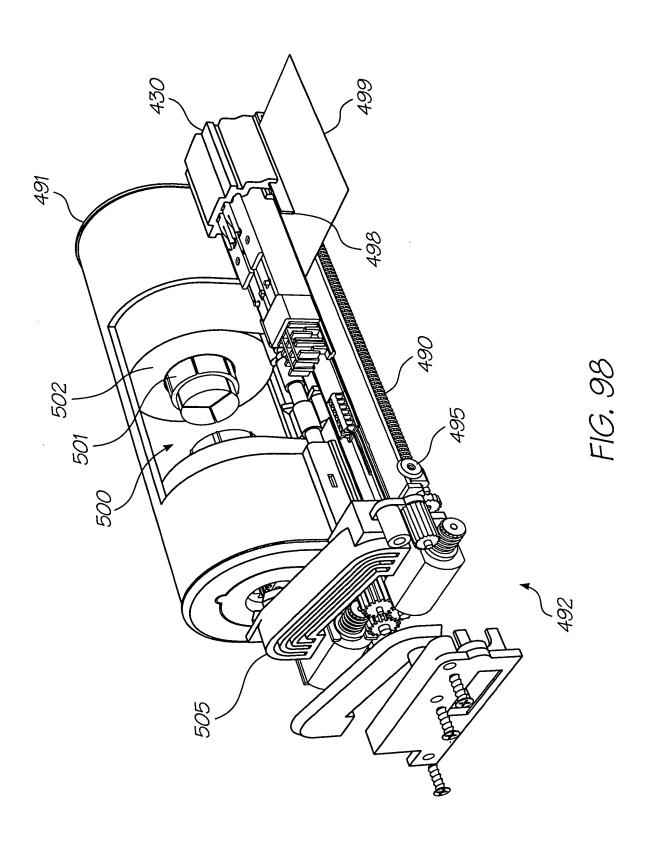


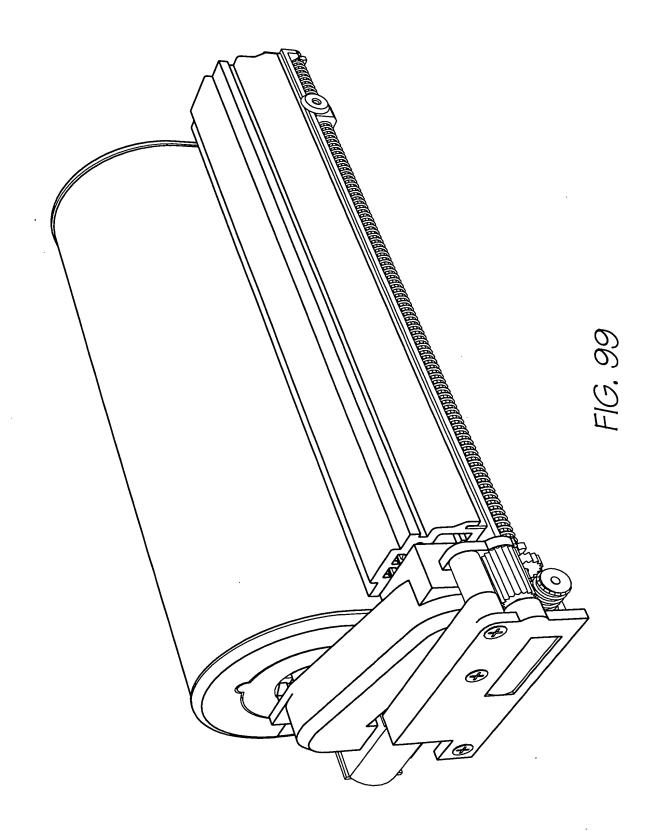
FIG. 94











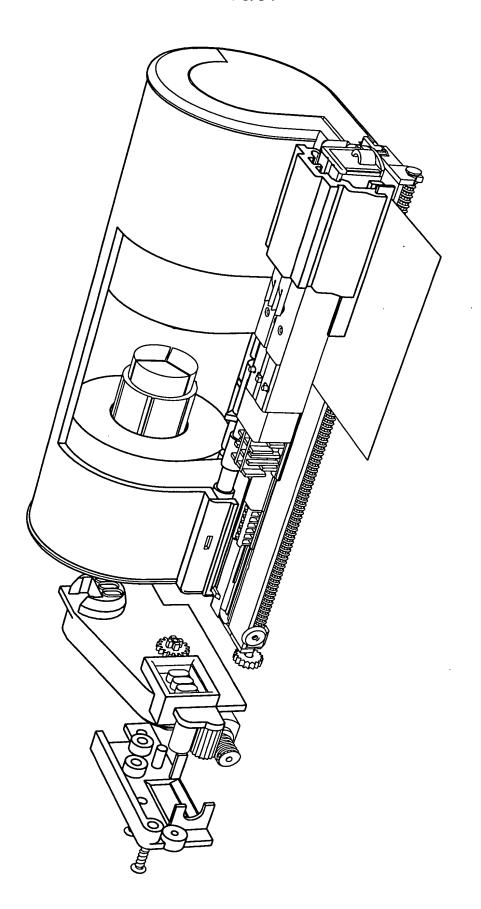


FIG. 100

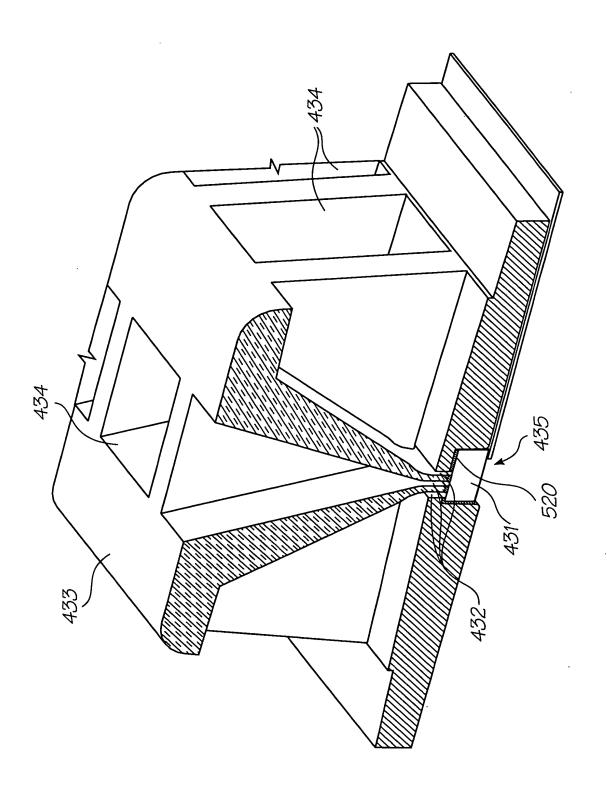


FIG. 101

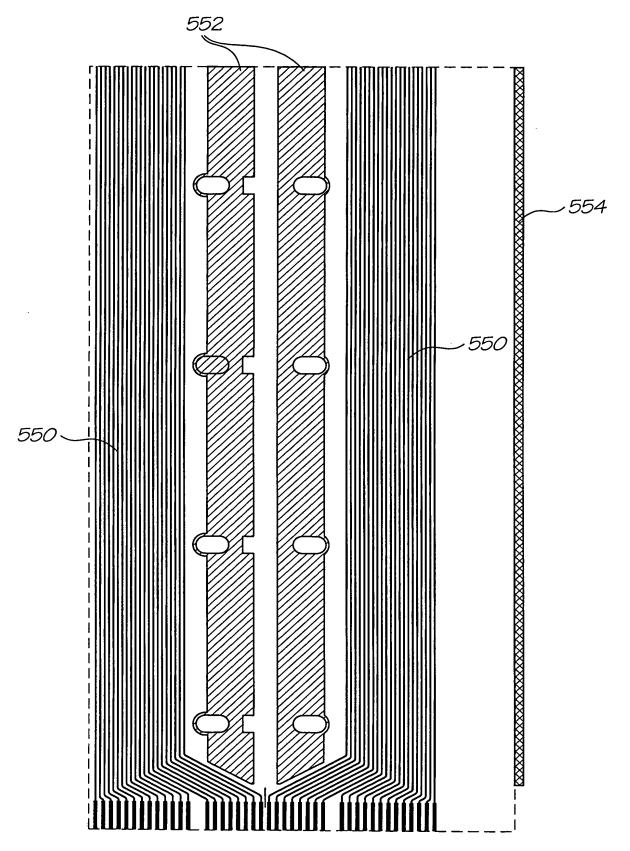


FIG. 102

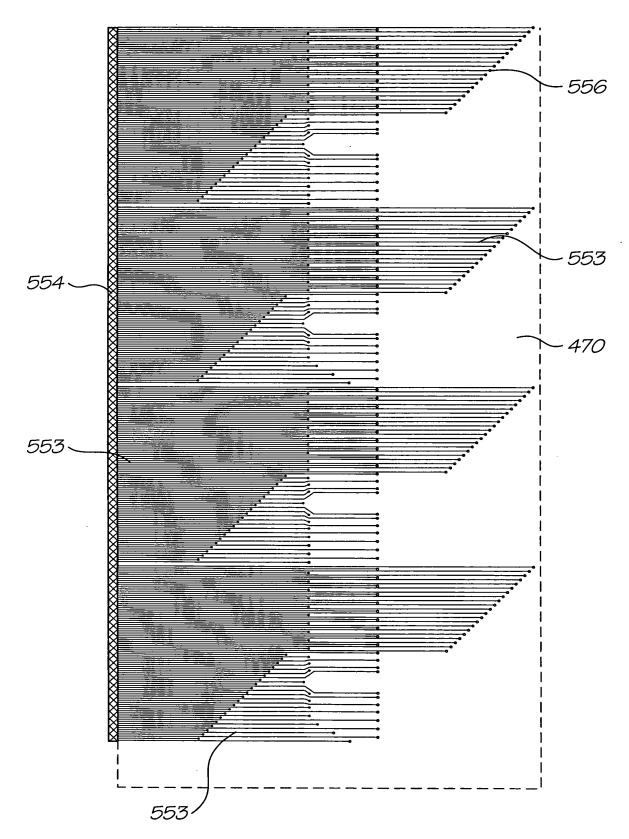


FIG. 103



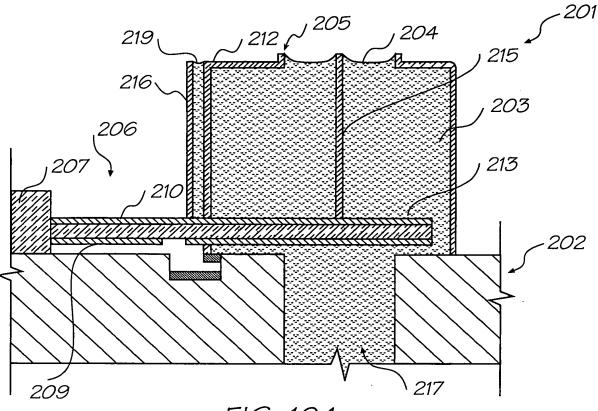
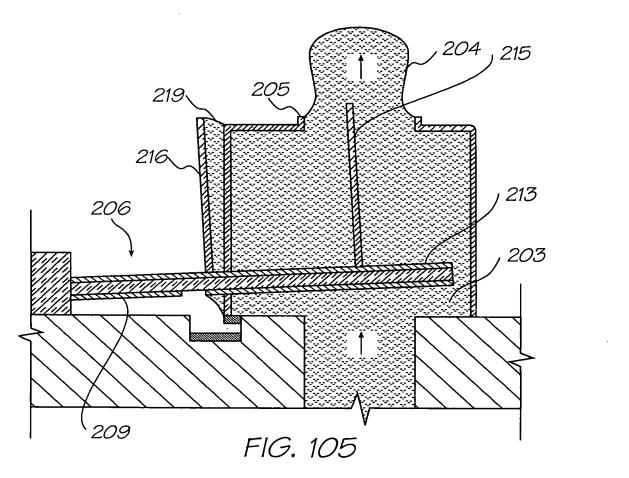


FIG. 104



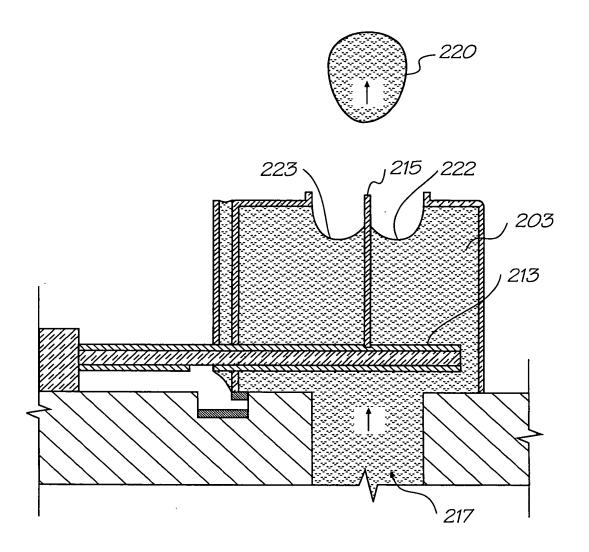
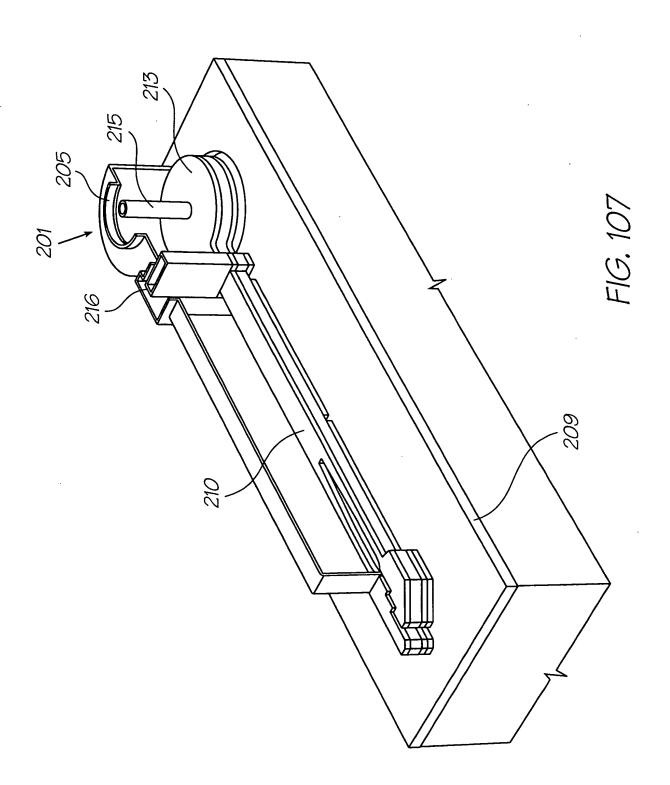
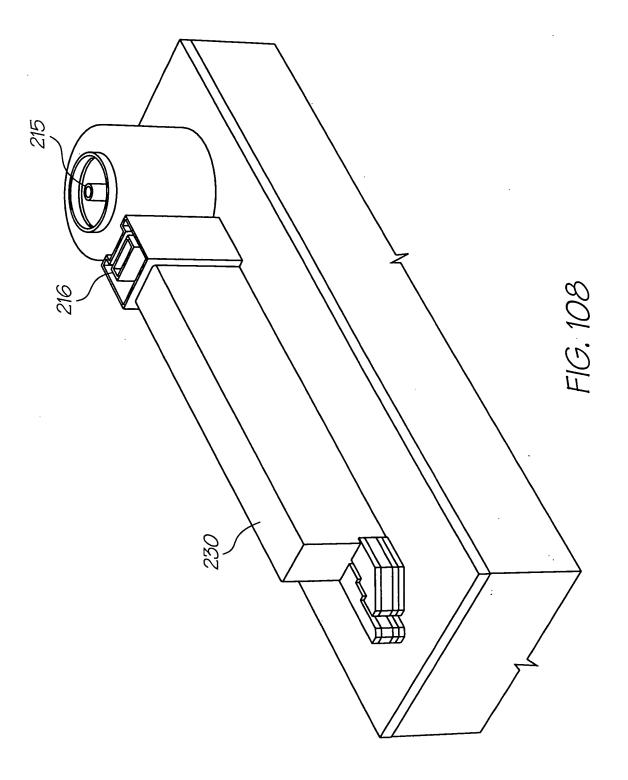


FIG. 106





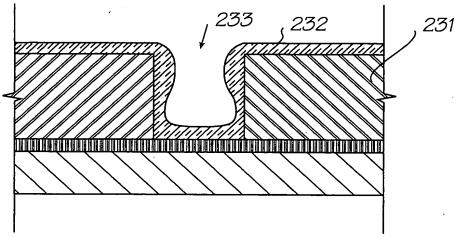


FIG. 109

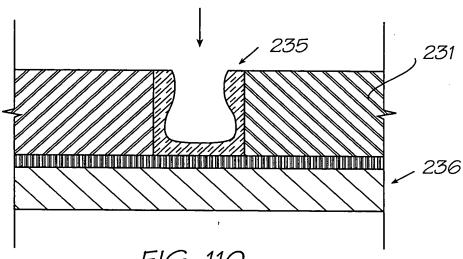


FIG. 11.0

